

PROJECT TITLE : CIGARETTE DEVELOPMENT 4
PERIOD COVERED : MAY 21 - JUNE 19 1981
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389 EXIT

Objective

To reproduce the dilution system of the BARCLAY cigarette.

Summary

Following the trials carried out using pure tobacco grades and filters having 4 and 6 grooves, three blends were selected in order to have a Pan-Europe blend for this project.

Description of samples and results

Several prototypes were produced using a MLF blend but having neither reconstituted tobaccos nor expanded stems. Analytically, these prototypes correspond to the objective :

Dilution (US)	%	80
Tar	mg/cig.	1.5
SN	mg/cig.	0.22
Puff count		11

With regard to taste, tobacco and flavouring are not well balanced.

Prototypes having different quantities of flavours were ordered to continue the evaluation of this blend with this system of dilution.

Cigarettes were ordered with CAMBRIDGE and PRINCE blends. Their analytical results were similar to those of the previous prototypes.

Some difficulties were encountered during the production of the 4-groove filters due to the printed threads.

Filters having a 2.5 / 48'000 tow and a 25 g/m² non-porous paper were ordered to adjust the machine.

421 HILTON ULTRA

Objective

To extend the HILTON PE family by two cigarettes having the following smoke yields :

Tar : 3 mg/cig. and 4 mg/cig.

SN : 0.3 mg/cig. and 0.4 mg/cig.

Summary

On the basis of the specifications of the HILTON ULTRA cigarette, produced in the USA, a first series of prototypes was produced.

192 BELTOISE

Objective

To introduce the MURATTI AMBASSADOR EXTRA MILD sold in France into the Italian and export markets.

Summary

The first trials produced in Holland correspond to the objective. A series of prototypes was taste evaluated and accepted by Panel A.

Description of samples and results

Three cigarettes having different total weights were produced in Holland.

Prototype 1 P : total weight according to specifications.

Prototype 2 P : - 10 mg/cig.

Prototype 3 P : - 20 mg/cig.

The analytical results of these prototypes are similar :

Prototype		1 P	2 P	3 P
DPM	mg/cig.	7.1	7.1	7.3
SN	mg/cig.	0.44	0.47	0.47
CO	mg/cig.	9.7	9.6	9.6
NO	mg/cig.	0.13	0.12	0.12
Puff count		8.2	7.9	8.1
Dilution	%	26	24	24
Cigarette RTD	mm WG	89	85	85
Compressibility	mm	3.49	3.32	3.32

Follow-up

These prototypes will be presented to the Marketing Department of Area III for approval.
Trials concerning the first MAC production in FTR will shortly be carried out (production will start on June 26th).
These prototypes will then be taste evaluated by Panel A.

413 PALINKA

Objective

To produce the MPK brand in Hungary.

Summary

The first trials produced in Hungary have been analysed, but the analytical results did not correspond to the objective. An action programme has been established together with Mr. J. Lubomirski in order to make comparisons between the standard raw materials of the MPK and the materials which were used during the production of the prototypes in Hungary.

Dr. J. Lubomirski

RAT/cap/JUNE 22 1981

- 39 -

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